

BATTERY EXCHANGER

MS-928, MSE-9140

Description

Two DC inputs and one DC output, the primary DC input is from power supply which normally powers the load at the output terminal of the battery exchanger. The other DC input connected to a battery and is float charged by the primary DC input.

When the primary DC input is cut off due to mains power black out or otherwise, the Battery Exchanger will direct DC power from battery to the DC output automatically.

The Battery Exchanger will direct power back to the DC output from the primary input when power mains power returns.

Features

- Easy to hook up connection box with cables and connectors for battery and primary DC source.
- LED indicator showing Battery Power or Primary Power to output.
- Suitable for wide range of 12V DC system.
- Screw -On DC output terminals.

Typical Applications

- Telecommunication radios with backup lead acid battery.
- Monitoring system with backup lead acid battery.
- Any 12VDC system where the primary power supply is subjective to electrical outages.



Specifications

Models	MS-928	MSE-9140
13.8VDC Input		
Input Voltage Range	11-15VDC	
Output Load Current (Continuous)	25A	40A
Voltage drop between DC load and 13.8VDC Input/ 12VDC Battery	≤0.8V@25A	≤0.4V@40A
Float Charging Profiles		
Max. float charging voltage available to battery @ various primary input voltage	12.5VDC@13.3VDC Input 13.0VDC@13.8VDC Input 14.2VDC@15.0VDC Input	
Maximum Charging Current	0.6A	
Dimension (WxHxD)	68x72x100 mm	2.7x2.8x4 inch
Weight	240 g	8.5 oz.

* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE